

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001379

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: A61M 1/10, 1/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC: A61M 1/10, 1/12, F04D 1/-, 5/-, 7/-, 11/- & keywords: AXIAL, BLOOD PUMP, VENTRICULAR ASSIST, ROTOR, IMPELLER, BLADE, HYDRODYNAMIC, BEARING, and similar words.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5211546 A (ISAACSON ET AL) 18 May 1993 See whole document.	
A	US 6100618 A (SCHOEB ET AL) 8 August 2000 See whole document	
A	US 5370509 A (GOLDING ET AL) 6 December 1994 See whole document	
A	US 6227797 B1 (WATTERSON ET AL) 8 May 2001 See whole document	

☐ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
25 November 2004

Date of mailing of the international search report
- 1 DEC 2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001379

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
US	5211546	AU	80560/91
US	6100618	CA	2210762
US	5370509	US	5049134
US	6227797	AU	39482/00
		EP	1019116
		US	2001002234
		US	2004028525
		WO	9912587
US	5112200	WO	9119103
EP	0819330	WO	9631934
US	5324177		
AU	89654/98	CA	2370755
EP	1176999	US	6250880
US	2001004435	US	2002018713
US	2004030216	WO	0064509

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX